

Message

From: Washington, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=FDC3E8CE9F1D45C4894881FF420CA104-WASHINGTON, JOHN]
Sent: 5/4/2020 5:26:37 PM
To: Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]; Gloria.Post@dep.nj.gov [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=144d89d700144f40854f7c107e6ceead-Gloria.Post]; McCord, James [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=McCord, James]; Bergman, Erica [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=McCord, James]; Lindstrom, Andrew [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=04bf7cf26aa44ce29763fbc1c1b2338e-Lindstrom, Andrew]
CC: Goodrow, Sandra [Sandra.Goodrow@dep.nj.gov]
Subject: RE: Solvay - feedstock

Gloria,

Your option, Mark's and James' below all are fine with me. Regarding Mark's point, is it worth asking Brian Buckley at Rutgers if he wants some stock? He seemed interested in these compounds.

John

From: Strynar, Mark <Strynar.Mark@epa.gov>
Sent: Monday, May 4, 2020 12:56 PM
To: Gloria.Post@dep.nj.gov; Washington, John <Washington.John@epa.gov>; McCord, James <mccord.james@epa.gov>; Bergman, Erica <erica.bergman@dep.nj.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>
Cc: Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>
Subject: Re: Solvay - feedstock

Gloria,

I will take the maximum they are willing to give. A very small amount is needed for confirmation. However with more we could share with others for any follow-up work or perhaps purification of components for other work.

Thanks,
Mark

Dr. Mark Strynar
US EPA/ORD/CEMM
strynar.mark@epa.gov
(office) 919-541-3706
(mobile) 919-606-6905

From: Post, Gloria <Gloria.Post@dep.nj.gov>
Sent: Monday, May 4, 2020 12:41 PM
To: Washington, John <Washington.John@epa.gov>; McCord, James <mccord.james@epa.gov>; Bergman, Erica <erica.bergman@dep.nj.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Lindstrom, Andrew

<Lindstrom.Andrew@epa.gov>

Cc: Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>

Subject: Re: Solvay - feedstock

All,

I think Solvay is planning to provide a sample of **Ex. 4 CBI** they receive it in solution at their NJ facility.

We do not know the concentration of **Ex. 4 CBI**

As such, I suggest that Erica request a volume of the solution that contains the amount (by weight) of replacement that is needed (e.g. 10 g + 50 g + 10 g, or whatever).

This way, we will make sure that they provide the needed amount of **Ex. 4 CBI**

Does this make sense to all of you?

Thanks

Gloria

From: Washington, John <Washington.John@epa.gov>

Sent: Monday, May 4, 2020 12:18 PM

To: McCord, James <mccord.james@epa.gov>; Bergman, Erica <Erica.Bergman@dep.nj.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>

Cc: Post, Gloria <Gloria.Post@dep.nj.gov>; Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>

Subject: [EXTERNAL] RE: Solvay - feedstock

As a guestimate commercial **Ex. 4 CBI** have a density of about 1.1 g/mL, 10% more than water.

Athens is good with 10 mL for each batch you can acquire. And we can receive the shipment – it would be good if you email us beforehand.

Thanks,

John

From: McCord, James <mccord.james@epa.gov>

Sent: Monday, May 4, 2020 12:15 PM

To: Bergman, Erica <erica.bergman@dep.nj.gov>; Washington, John <Washington.John@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>

Cc: Gloria.Post@dep.nj.gov; Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>

Subject: RE: Solvay - feedstock

If we received the same quantity as mL that would be sufficient for our work. I don't have a problem subaliquoting from what is going to Lau.

I believe we are still receiving shipments, but Mark will have to pick them up since they took me off the list of people allowed in the building.

--

James McCord

From: Bergman, Erica <Erica.Bergman@dep.nj.gov>

Sent: Monday, May 4, 2020 12:11 PM

To: Washington, John <Washington.John@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; McCord, James <mccord.james@epa.gov>

Cc: Gloria.Post@dep.nj.gov; Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>

Subject: Fw: Solvay - feedstock

Also, I was going to request those quantities **Ex. 4 CBI** and ask if they can provide samples for more than one batch.

sorry for the second email...

Erica

Erica Bergman

NJ Department of Environmental Protection

Bureau of Case Management

609-292-7406

erica.bergman@dep.nj.gov

From: Bergman, Erica <Erica.Bergman@dep.nj.gov>

Sent: Monday, May 4, 2020 12:04 PM

To: Washington, John <Washington.John@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; McCord, James <mccord.james@epa.gov>

Cc: Post, Gloria <Gloria.Post@dep.nj.gov>; Goodrow, Sandra <Sandra.Goodrow@dep.nj.gov>

Subject: Re: Solvay - feedstock

All,

Hope all is well with you and your families.

Ex. 4 CBI

I am wondering now about logistics on all ends due to the coronavirus. Assuming Solvay will comply and have someone that can ship the samples, will someone be able to receive the feedstock bottles at your laboratories? I can use the same addresses as we used for the PFAS study, but can you let me know who the contact/receiving person should be?

Based on past feedback, I was going to request 50 grams for Chris Lau's lab, 10 grams for Mark Strynar and 10 grams for John Washington. Since the PFAS feedstock is a liquid, how would you change the request (to ml?). For the samples going to RTP, can we combine the request for Chris Lau and Mark S., and it can be divided as needed at RTP?

Thanks, Erica

Erica Bergman

NJ Department of Environmental Protection
Bureau of Case Management
609-292-7406
erica.bergman@dep.nj.gov

From: Washington, John <Washington.John@epa.gov>

Sent: Monday, January 6, 2020 8:22 AM

To: Strynar, Mark <Strynar.Mark@epa.gov>; Bergman, Erica <Erica.Bergman@dep.nj.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; McCord, James <mccord.james@epa.gov>

Subject: [EXTERNAL] RE: Solvay - feedstock

Hi Erica,

This is great news. My first day back, I was just responding when Mark replied.

I would suggest that we receive **Ex. 4 CBI** as well. And if Solvay has multiple Lots **Ex. 4 CBI** it would be good to get the multiple Lots. It would be easiest if 10 g could be sent to both RTP and Athens. Also, if they have assays for any of the Lots, these assays would be helpful for us in generating quantitative values.

Ten grams to both RTP and Athens of **Ex. 4 CBI** and Lots **Ex. 4 CBI** with any assays would be helpful for:

1. Seeing if unknown or trace amounts of additional **Ex. 4 CBI** lot uniquely or just a few **Ex. 4 CBI** Lots
2. Identifying general proportions of **Ex. 4 CBI**
3. Characterizing variations with **Ex. 4 CBI** between Lots
4. Aiding us in determination of whether the **Ex. 4 CBI**
5. Generating quantitative data if assays are available.

For the same general reasons, we also would like 10 g to go to each RTP and Athens of **Ex. 4 CBI**/Lots of the **Ex. 4 CBI** **Ex. 4 CBI** along with any assays. And for clarity for me, did you mean to say there is **Ex. 4 CBI** (referencing the word "without"), or did you mean to use the word "with"?

Thanks-
John

From: Strynar, Mark <Strynar.Mark@epa.gov>

Sent: Monday, January 6, 2020 8:02 AM

To: Bergman, Erica <erica.bergman@dep.nj.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; McCord, James <mccord.james@epa.gov>; Washington, John <Washington.John@epa.gov>

Subject: RE: Solvay - feedstock

Hi Erica,

My first day back. I got your voicemail as well.

My opinion would be to get whatever you can from them if they are in a giving mood. Multiple grades and multiple lots will show production variability.

As far as how much is needed that depends on what the chemical will be used for. As for analytical 10 grams would supply us for a very long time. If some one wanted to do **Ex. 5 Deliberative Process (DP)** for some **Ex. 5 Deliberative Process (DP)** getting more than 10 grams would be ideal.

I am trying to decipher this "They also told us that they **Ex. 5 Deliberative Process (DP)** Does this mean they use an chemical other than 1 **Ex. 5 Deliberative Process (DP)** or 2) the

Ex. 5 Deliberative Process (DP)

Mark

From: Bergman, Erica <Erica.Bergman@dep.nj.gov>
Sent: Friday, January 03, 2020 4:16 PM
To: Strynar, Mark <Strynar.Mark@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; McCord, James <mccord.james@epa.gov>; Washington, John <Washington.John@epa.gov>
Subject: Solvay - feedstock

All,

My bureau chief and I spoke with Solvay on Jan. 2, and we discussed Solvay supplying us with samples of their current PFAS feedstock, since they have now agreed to cooperate. I think it's great news!

I have some questions for Solvay in the meantime regarding a table they submitted with **Ex. 4 CBI**

Ex. 4 CBI

Ex. 4 CBI

Ex. 4 CBI

I also asked

Ex. 4 CBI

me.

Questions for you all: **Ex. 5 Deliberative Process (DP)**

Ex. 5 Deliberative Process (DP)

Thanks, Erica